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PATENT  
Attorney Docket No.: 015389-002616US  
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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

By: \_\_\_\_\_

*Tara N. Damhoff*  
Tara N. Damhoff

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Thomas R. Cech et al.

Application No.: 09/721,506

Filed: November 22, 2000

For: NUCLEIC ACIDS ENCODING  
HUMAN TELOMERASE  
REVERSE TRANSCRIPTASE AND  
RELATED HOMOLOGS HAVING  
TELOMERASE ACTIVITY  
(AMENDED)

Customer No.: 20350

Confirmation No.: 5211

Examiner: Bradley L. Sisson

Art Unit: 1634

SUPPLEMENTAL AMENDMENT

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This response is supplemental to the response filed on May 18, 2004, which was a complete response filed in reply to the Office Action mailed November 18, 2003.

**Amendments to the Specification** begin on page 3 of this paper.

**Amendments to the Drawings** begin on page 7 of this paper and include attached replacement sheets.

Appl. No. 09/721,506  
Amdt. dated June 4, 2004  
Supplemental Amendment to Office Action of November 18, 2003

PATENT

**Remarks** begin on page 8 of this paper.